

ABSTRACT

A method and apparatus for desorbtion is disclosed that utilizes enhancements to lessen the amount of entrained particles formed during desorbtion and for lowering the operating and capital costs associated with desorbtion equipment. Multiple stage desorbtion is contemplated using multiple drums, with smaller drums being employed for volatizing the waste components that require high temperatures. The method and apparatus may include an eductor scrubber attached directly or adjacent to the gas extraction port of a drum to prevent fouling of system apparatus. A plunger for cleaning the scrubber suction chamber is provided. The method and process may include injecting hot gas, which may be exhaust gas from a burner apparatus, into one or more desorption drums to lower heating costs.